

INFORMATION DISCLOSURE CITATION

 Attorney Docket No.
041501-5505-01

 Continuation of Application No.
10/124,709

 (Use several sheets if necessary)
PTO Form 1449

Applicant(s): Moo Yeol PARK et al.

PAGE 1 of 10

Filing Date: December 16, 2003

Prior Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
<i>ac</i>	4,094,058	Jun. 13, 1978	Yasutake et al.	29	592 R	Jul. 23, 1976
<i>↑</i>	4,691,995	Sep. 8, 1987	Yamazaki et al.	350	331 R	Jul. 15, 1986
<i>↓</i>	5,875,922	Mar. 2, 1999	Chastine et al.	222	1	Oct. 10, 1997
	US 6,304,311 B1	Oct. 16, 2001	Egami et al.	349	189	Nov. 11, 1999
<i>ac</i>	US 2001/0021000 A1	Sep. 13, 2001	Egami	349	187	Feb. 1, 2001

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation YES NO	
<i>ac</i>	KR 2000-0035302-A	Jun. 26, 2000	Korea (w/abstract)				X
<i>↑</i>	JP 5-154923-A	Jun. 22, 1993	Japan (w/abstract)				X
	JP 6-313870-A	Nov. 8, 1994	Japan (w/abstract)				X
	JP 6-235925-A	Aug. 23, 1994	Japan (w/abstract)				X
	JP 7-84268-A	Mar. 31, 1995	Japan (w/abstract)				X
	JP 8-101395-A	Apr. 16, 1996	Japan (w/abstract)				X
	JP 9-61829-A	Mar. 7, 1997	Japan (w/abstract)				X
	JP 10-177178-A	Jun. 30, 1998	Japan (w/abstract)				X
	JP 10-333157-A	Dec. 18, 1998	Japan (w/abstract)				X
	JP 10-333159-A	Dec. 18, 1998	Japan (w/abstract)				X
	JP 11-133438-A	May 21, 1999	Japan (w/abstract)				X
	JP 11-142864-A	May 28, 1999	Japan (w/abstract)				X
	JP 11-248930-A	Sep. 17, 1999	Japan (w/abstract)				X
<i>↓</i>	JP 11-326922-A	Nov. 26, 1999	Japan (w/abstract)				X
<i>ac</i>	JP 2000-2879-A	Jan. 7, 2000	Japan (w/abstract)				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

Date Considered

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*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation YES NO
An	JP 2000-56311-A	Feb. 25, 2000	Japan (w/abstract)			X
A	JP 2000-66165-A	Mar. 3, 2000	Japan (w/abstract)			X
	JP 2000-137235-A	May 16, 2000	Japan (w/abstract)			X
	JP 2000-147528-A	May 26, 2000	Japan (w/abstract)			X
	JP 2000-193988-A	Jul. 14, 2000	Japan (w/abstract)			X
	JP 2000-241824-A	Sep. 8, 2000	Japan (w/abstract)			X
	JP 2000-284295-A	Oct. 13, 2000	Japan (w/abstract)			X
	JP 2000-292799-A	Oct. 20, 2000	Japan (w/abstract)			X
	JP 2000-310759-A	Nov. 7, 2000	Japan (w/abstract)			X
	JP 2000-310784-A	Nov. 7, 2000	Japan (w/abstract)			X
	JP 2000-338501-A	Dec. 8, 2000	Japan (w/abstract)			X
	JP 2001-5401-A	Jan. 12, 2001	Japan (w/abstract)			X
	JP 2001-5405-A	Jan. 12, 2001	Japan (w/abstract)			X
	JP 2001-13506-A	Jan. 19, 2001	Japan (w/abstract)			X
	JP 2001-51284-A	Feb. 23, 2001	Japan (w/abstract)			X
	JP 2001-33793-A	Feb. 9, 2001	Japan (w/abstract)			X
	JP 2001-42341-A	Feb. 16, 2001	Japan (w/abstract)			X
	JP 2001-66615-A	Mar. 16, 2001	Japan (w/abstract)			X
An	JP 2001-91727-A	Apr. 6, 2001	Japan (w/abstract)			X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
Examiner			Date Considered			
An			11 July 2005			
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*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation YES NO
a		JP 2001-117109-A	Apr. 27, 2001	Japan (w/abstract)			X
		JP 2001-133745-A	May 18, 2001	Japan (w/abstract)			X
		JP 2001-133799-A	May 18, 2001	Japan (w/abstract)			X
		JP 2001-166272-A	Jun. 22, 2001	Japan (w/abstract)			X
		JP 2001-166310-A	Jun. 22, 2001	Japan (w/abstract)			X
		JP 2001-183683-A	Jul. 6, 2001	Japan (w/abstract)			X
		JP 2001-209052-A	Aug. 3, 2001	Japan (w/abstract)			X
		JP 2001-201750-A	Jul. 27, 2001	Japan (w/abstract)			X
		JP 2001-209060-A	Aug. 3, 2001	Japan (w/abstract)			X
		JP 2001-215459-A	Aug. 10, 2001	Japan (w/abstract)			X
		JP 2001-222017-A	Aug. 27, 2001	Japan (w/abstract)			X
		JP 2001-235758-A	Aug. 31, 2001	Japan (w/abstract)			X
		JP 2001-272640-A	Oct. 5, 2001	Japan (w/abstract)			X
		JP 2001-282126-A	Oct. 12, 2001	Japan (w/abstract)			X
		JP 2001-281678-A	Oct. 10, 2001	Japan (w/abstract)			X
	JP 2001-281675-A	Oct. 10, 2001	Japan (w/abstract)			X	
	JP 2001-305563-A	Oct. 31, 2001	Japan (w/abstract)			X	
	JP 2001-330837-A	Nov. 30, 2001	Japan (w/abstract)			X	
	JP 2001-356353-A	Dec. 26, 2001	Japan (w/abstract)			X	
	EP 1 003 066 A1	May 24, 2000	Europe				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date	
<i>a</i>	5,247,377	09/21/93	Omeis, et al.	359	76	07/24/89	
<i>a</i>	5,511,591	04/30/96	Abe	141	7	04/10/95	
<i>a</i>	5,642,214	06/24/97	Ishii, et al.	349	96	07/05/94	
<i>a</i>	5,742,370	04/21/98	Kim, et al.	349	124	02/26/97	
<i>a</i>	6,011,609	01/04/00	Kato, et al.	349	190	10/02/97	
<i>a</i>	6,016,178	01/18/00	Kataoka, et al.	349	117	03/14/97	
<i>a</i>	6,055,035	04/25/00	von Gutfeld, et al.	349	187	05/11/98	
<i>a</i>	6,163,357	12/19/00	Nakamura	349	155	09/26/97	
<i>a</i>	6,226,067	05/01/01	Nishiguchi, et al.	349	155	09/30/98	
<i>a</i>	6,304,306	10/16/01	Shiomi, et al.	349	88	04/20/98	
<i>a</i>	6,414,733	07/02/02	Bramley	348	565	07/12/99	

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation YES NO	
<i>a</i>	JP 51-65656	Jun. 7, 1976	Japan (w/abstract)	---	---		X
<i>a</i>	JP 59-57221	Apr. 2, 1984	Japan (w/abstract)	---	---		X
<i>a</i>	JP 59-195222	Nov. 6, 1984	Japan (w/abstract)	---	---		X
<i>a</i>	JP 60-111221	Jun. 17, 1985	Japan (w/abstract)	---	---		X

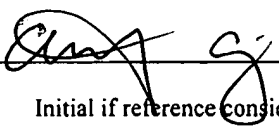
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

Examiner: <i>[Signature]</i>	Date Considered: <i>11 July 2005</i>
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U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
a ↑	3,978,580	09/07/1976	Leupp, et al.	—	—	09/27/1974
	4,653,864	03/31/1987	Baron, et al.	—	—	02/26/1986
	4,775,225	10/04/1988	Tsuboyama, et al.	—	—	05/14/1986
	5,263,888	11/23/1993	Ishihara, et al.	—	—	02/11/1993
	5,379,139	01/03/1995	Sato, et al.	—	—	07/06/1992
	5,406,989	04/18/1995	Abe	—	—	10/12/1993
	5,499,128	03/12/1996	Hasegawa, et al.	—	—	03/15/1994
	5,507,323	04/16/1996	Abe	—	—	11/22/1994
	5,539,545	07/23/1996	Shimizu, et al.	—	—	05/17/1994
	5,548,429	08/20/1996	Tsujita	—	—	06/14/1994
	5,680,189	10/21/1997	Shimizu, et al.	—	—	06/07/1995
	5,757,451	05/26/1998	Miyazaki, et al.	—	—	09/09/1996
	5,852,484	12/22/1998	Inoue, et al.	—	—	05/27/1997
	5,854,664	12/29/1998	Inoue, et al.	—	—	09/25/1995
	5,861,932	01/19/1999	Inata, et al.	—	—	03/30/1998
	5,952,676	09/14/1999	Sato, et al.	—	—	06/06/1997
	5,956,112	09/21/1999	Fujimori, et al.	—	—	10/01/1996
a	6,010,384	01/2000	Nishino et al.	—	—	

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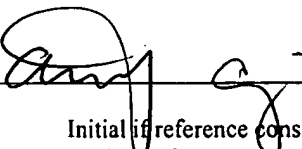
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a	6,001,203	12/14/1999	Yamada, et al.			12/10/1997
	6,016,181	01/18/2000	Shimada			01/21/1997
	6,219,126	04/17/2001	Von Gutfeld			11/20/1998
	6,236,445	05/22/2001	Foschaar, et al.			02/22/1996
a	6,337,730	01/08/2002	Ozaki, et al.			06/01/1999

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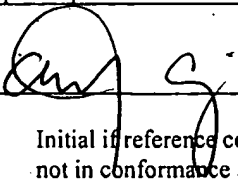
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a	57-38414	03/03/1982	Japan			Abstract	
	57-88428	06/02/1982	Japan			Abstract	
	58-27126	02/17/1983	Japan			Abstract	
	60-164723	08/27/1985	Japan			Abstract	
	60-217343	10/30/1985	Japan			Abstract	
	61-7822	01/14/1986	Japan			Abstract	
a	61-55625	03/20/1986	Japan			Abstract	

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a		62-89025	04/23/1987	Japan			Abstract	
		62-90622	04/25/1987	Japan			Abstract	
		62-205319	09/09/1987	Japan			Abstract	
		63-109413	05/14/1988	Japan			Abstract	
		63-110425	05/14/1988	Japan			Abstract	
		63-128315	05/31/1988	Japan			Abstract	
		63-311233	12/20/1988	Japan			Abstract	
		5-127179	05/25/1993	Japan			Abstract	
		5-265011	10/15/1993	Japan			Abstract	
		5-281557	10/29/1993	Japan			Abstract	
		5-281562	10/29/1993	Japan			Abstract	
		6-51256	02/25/1994	Japan			Abstract	
		6-148657	05/27/1994	Japan			Abstract	
		6-160871	06/07/1994	Japan			Abstract	
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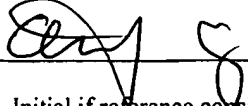
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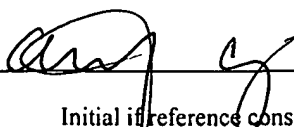
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		8-190099	07/23/1996	Japan			Abstract	
		8-240807	09/17/1996	Japan			Abstract	
		9-5762	01/10/1997	Japan			Abstract	
		9-26578	01/28/1997	Japan			Abstract	
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a		11-14953	01/22/1999	Japan			Abstract	
		11-38424	02/12/1999	Japan			Abstract	
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		11-109388	04/23/1999	Japan			Abstract	
		11-174477	07/02/1999	Japan			Abstract	
		11-212045	08/06/1999	Japan			Abstract	
		11-344714	12/14/1999	Japan			Abstract	
		2000-29035	01/28/2000	Japan			Abstract	
		2001-117105	04/27/2001	Japan			Abstract	
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		2001-264782	09/26/2001	Japan			Abstract	
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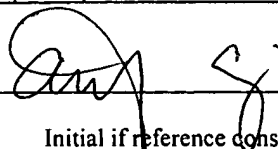
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		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
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		2002-23176	01/23/2002	Japan	1		Abstract	
		2002-49045	02/15/2002	Japan			Abstract	
		2002-82340	03/22/2002	Japan			Abstract	
		2002-90759	03/27/2002	Japan			Abstract	
		2002-90760	03/27/2002	Japan			Abstract	
		2002-107740	04/10/2002	Japan			Abstract	
		2002-122872	04/26/2002	Japan			Abstract	
		2002-122873	04/26/2002	Japan			Abstract	
		2002-139734	05/17/2002	Japan			Abstract	
		2002-202512	07/19/2002	Japan			Abstract	
		2002-202514	07/19/2002	Japan			Abstract	
		2002-214626	07/31/2002	Japan			Abstract	

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